UNIX PRATICAL LAB EXPERIMENT LIST (2020-21)

1. Explain pwd, ls, ls -l, cd, and cd.. commands
2. Explain mkdir, echo, mv, cp, rm, rm -rf cammands
3. Explain date, cal, more, less, bc ,who cammands
4. Explain cat, cat >, cat >>, touch and gedit
5. Explain grep, grep -v, grep -l, wc and tr cammands
6. Explain head, tail, sort, uniq and cut cammands.
7. Explain File Permission , chmod, chown chgrp cammands
8. Explain and demonstrate following Process Management related commands
   Ps kill top nice df renice
9. Write a shell script to perform arithmetic operations
10. Write a shell script to print fibonacci series
11. Write a shell script to calculate simple interest
12. Write a shell script to reverse a number
13. Write a shell script to print star pattern
14. Write a shell script to print if given number is Armstrong number or not
15. Write Shell Script to Find Armstrong Numbers between a Range
16. Write Shell Script to find profit or loss given the Cost price and Selling price
17. Create a Employee_Record text file having field [Name Post Dept Salary] and then perform any 5 operation on file using AWK script. [Example print Employee of Account dept]
18. Write a Perl script to find greater from two numbers
19. Write a Perl script to find factorial of a number
20. Write a Perl script to print if given number is prime or not
21. Write a Perl script to print if given number is palindrome or not
22. Write Perl script to find the sum of digits of a number.
23. Write a AWK script to find number is ODD or EVEN.
24. Write a AWK script to calculate simple interest.
25. Write a AWK script to determine largest among three integer numbers.
26. Write a AWK script to determine a given number is prime or not
27. Write a command to print the squares of numbers from 1 to 10 using awk command

NOTE: ANY ONE EXPERIMENT YOU WILL BE ASKED TO PERFORM IN UNIX LAB, EXAMINER WILL DECIDE WHICH EXPERIMENT WHICH STUDENT WILL PERFORM. CHANGE OF EXPERIMENT WILL RESULT IN 5 MARKS DEDUCTION SO PREPARE ALL EXPERIMENT FROM ABOVE GIVEN LIST